

Replacement
Replacement Sheet

1/7

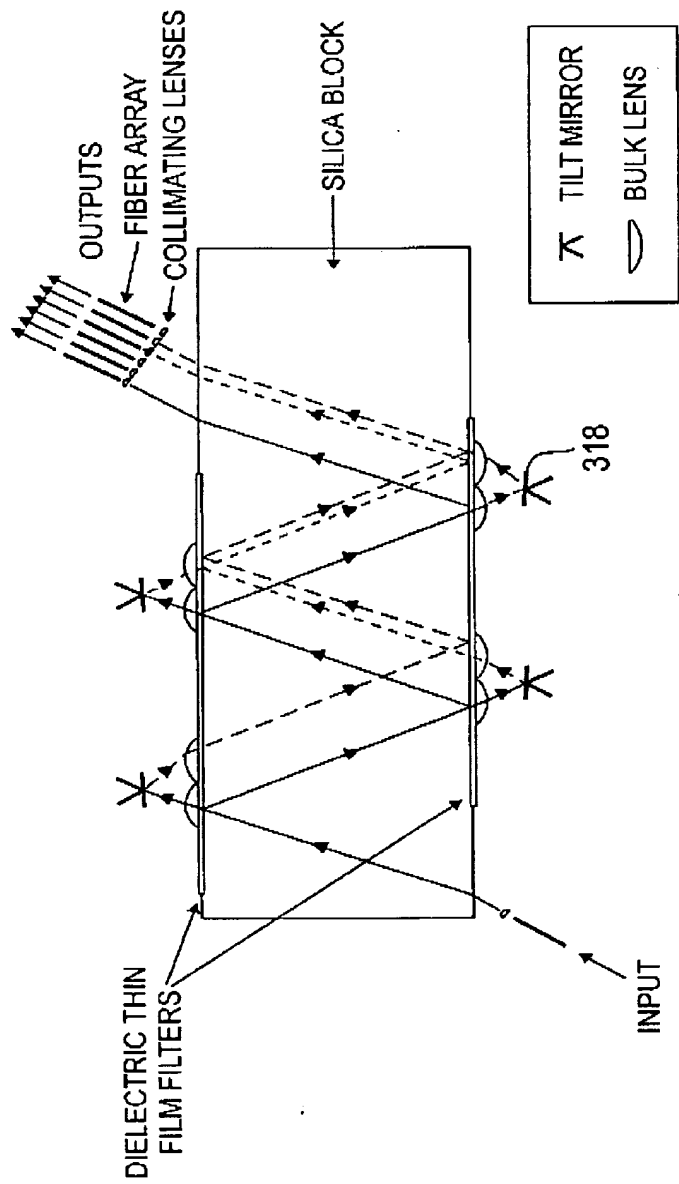


FIG. 1

Replacement Sheet

3/7

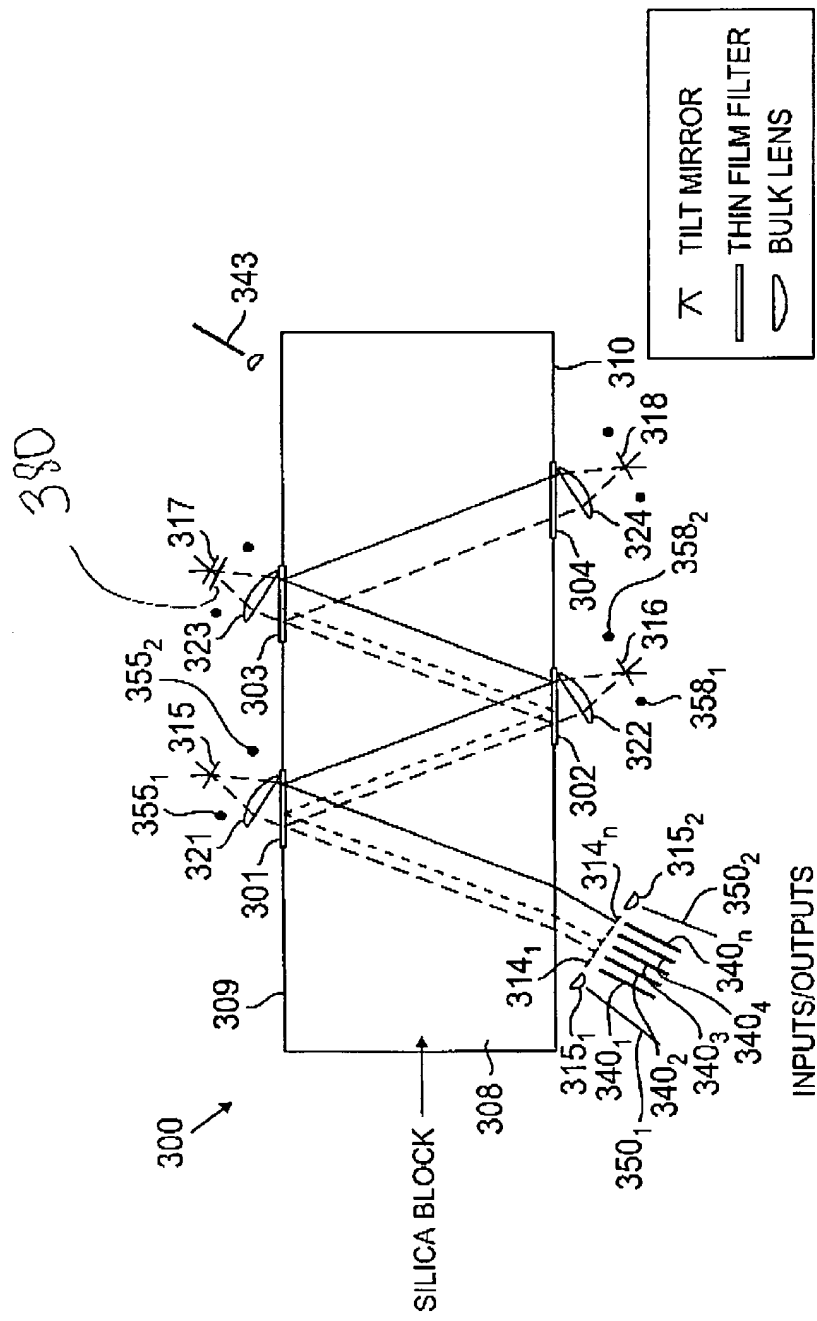
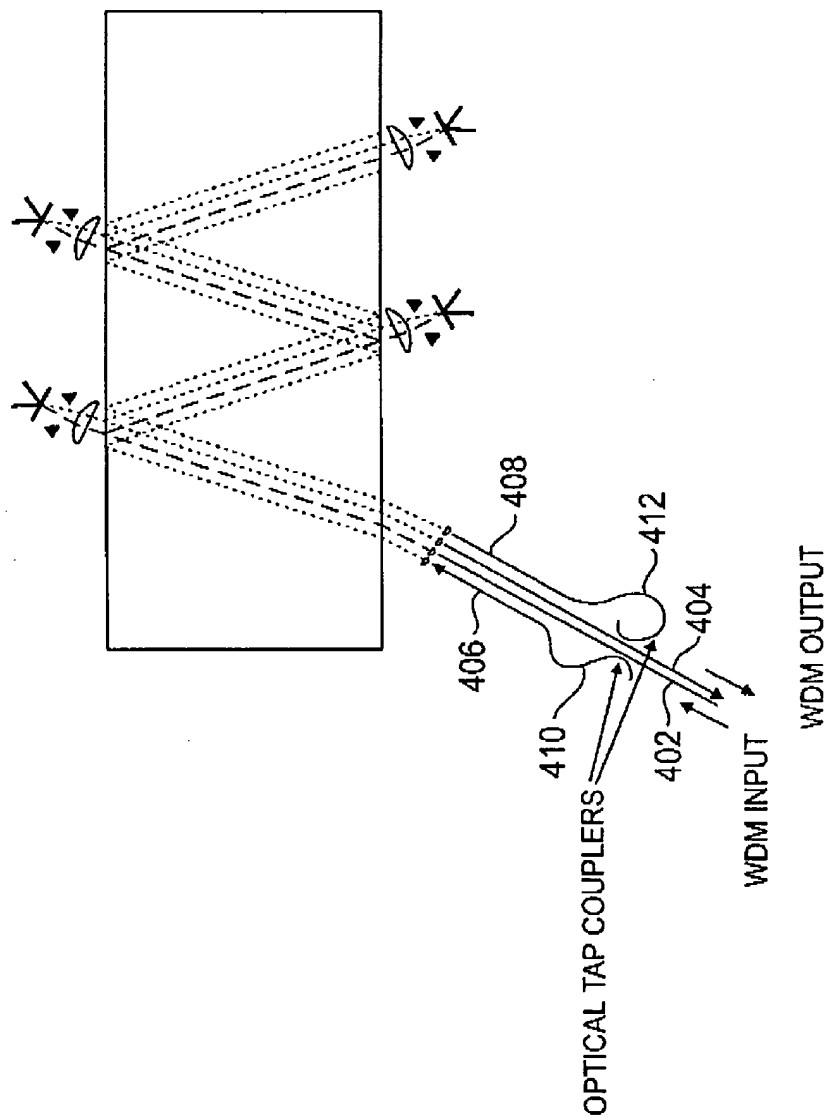


FIG. 3

BIDIRECTIONAL INPUTS/OUTPUTS WITH
INDEPENDENT WAVELENGTH DISTRIBUTION

Replacement
Sheet

4/7



OPTICAL TAP CONFIGURATION TO MONITOR ANY INPUT AND OUTPUT PORTS ON A PER WAVELENGTH BASIS TO VERIFY SWITCH LOSS AS WELL AS SIGNAL PRESENCE AND POWER

FIG. 4

Replacement
Sheet

5/7

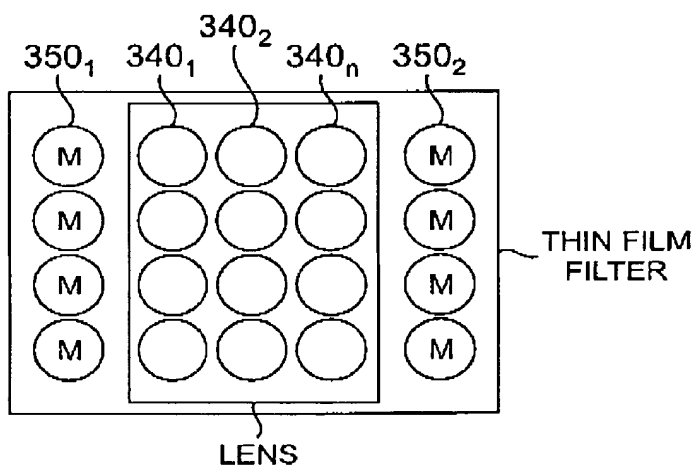
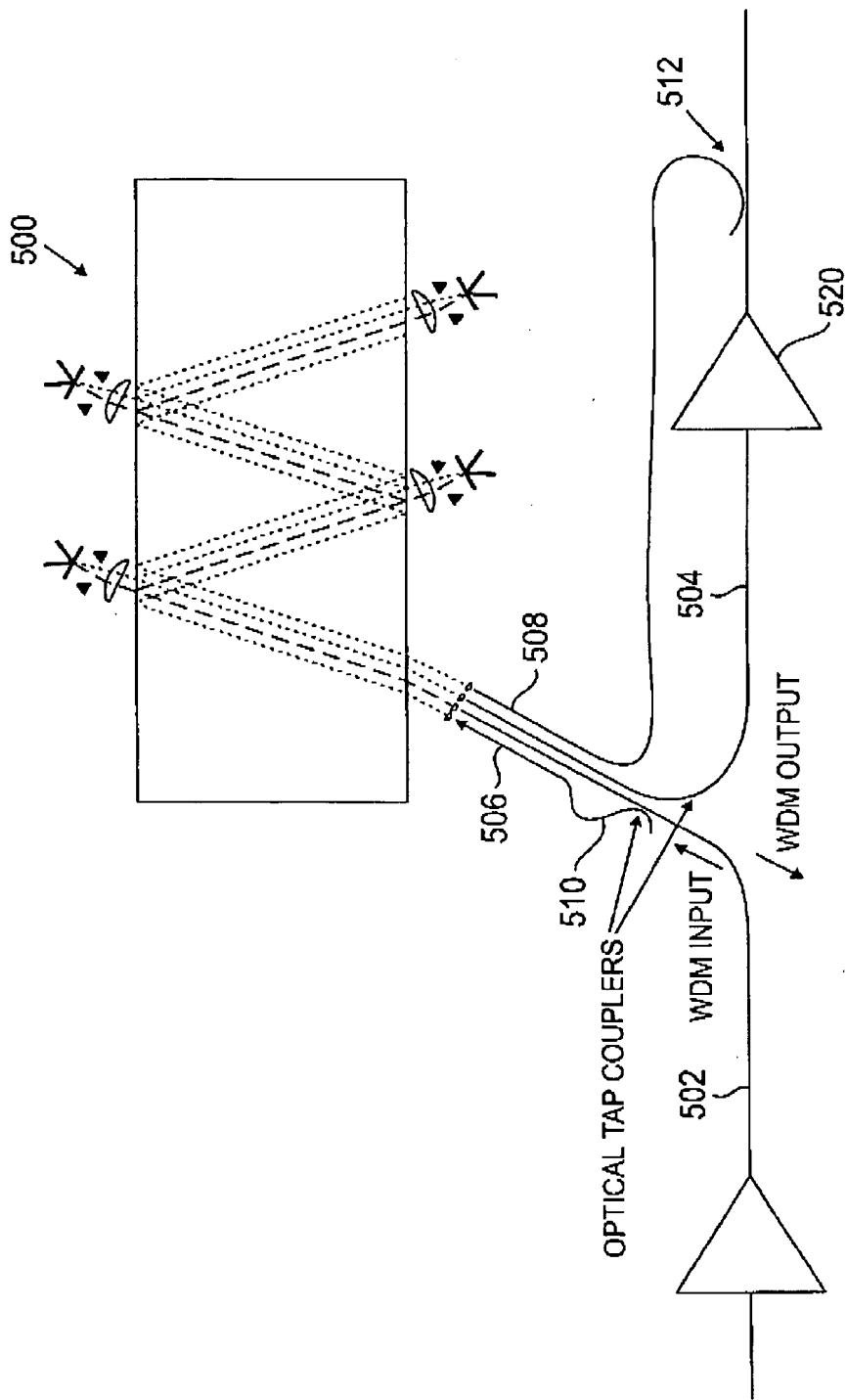


FIG. 5

Replacement Sheet

6/7



OPTICAL TAP CONFIGURATION TO MONITOR ANY INPUT AND OUTPUT PORTS ON A PER WAVELENGTH BASIS WHERE OUTPUT PORT IS AFTER AN OPTICAL AMPLIFIER, ENABLING GAIN FLATTENING OF AMPLIFIER

FIG. 6

Replacement
Sheet

717

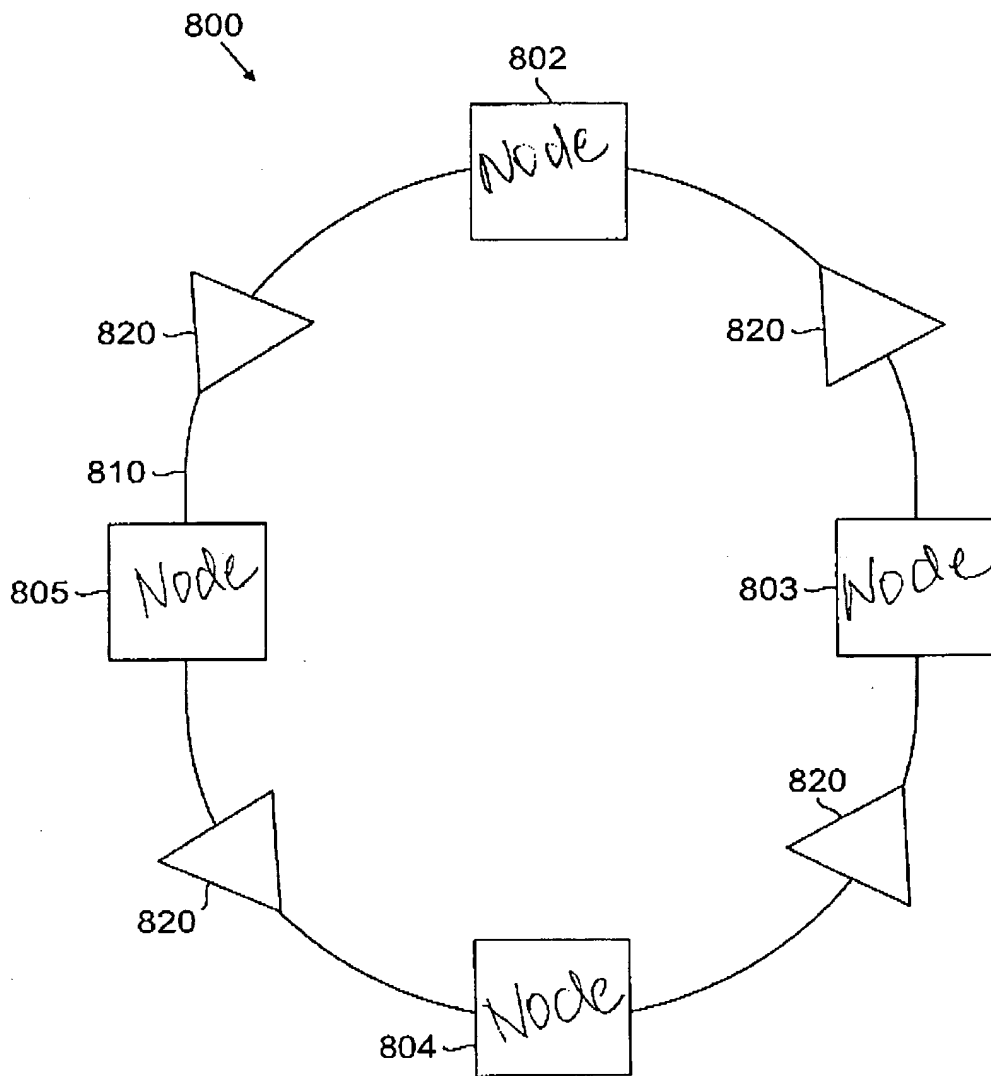


FIG. 7

Replacement Sheet

2/7

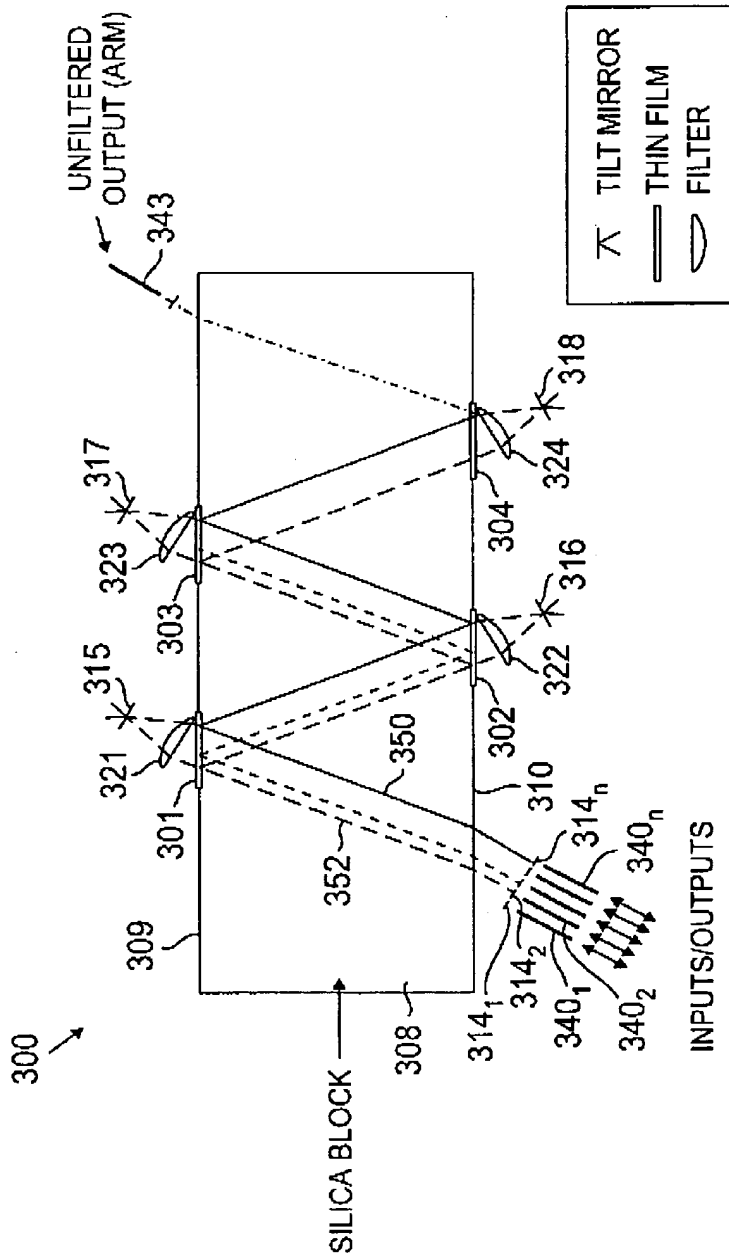


FIG. 2

BIDIRECTIONAL INPUTS/OUTPUTS WITH
INDEPENDENT WAVELENGTH DISTRIBUTION